

## CURRICULUM VITAE

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### *Education*

1974-1981: Medical School at the University of Padua. Degree of Doctor of Medicine (Honour)

1981-1985: Postgraduate School in Occupational Medicine, University of Padua. Diploma of Specialist in Occupational Medicine obtained in December 1986

1983-1987: Ph.D. in Occupational Health & Industrial Hygiene.

### *Previous and current positions*

1997 (December)-2006 (October): Medical and research scientist, Department of Environmental Medicine & Public Health, Azienda Ospedaliera di Padova-University of Padua.

2002 (November)-2006 (October): head of the the Laboratory of Industrial Toxicology, Department of Environmental Medicine & Public Health, Azienda Ospedaliera di Padova-University of Padua

2006 (November) – 2018 (May): Associate professor, Department of Biomedical and Clinical Sciences, University of Milan.

2018 (June)-present: Professor, Department of Biomedical and Clinical Sciences, University of Milan.

2006 (November) - present: Director, International Center for Pesticides and Health Risks Prevention, “Luigi Sacco” Hospital, Milan, Italy

### *Scientific activity*

#### **Research aims**

##### **a. Basic toxicological research**

The main focus of toxicological research was the study of pathogenesis and mechanisms of organophosphate induced-delayed polyneuropathy. During these studies a new phenomenon was described, promotion of axonopathies. Beside the delayed polyneuropathy, studies have been conducted on cholinergic toxicity & the metabolism of organophosphates. Also the problem of other toxic neuropathies were studied and the neurotoxic profile of some pesticides was defined. Recently became interested in developmental toxicity, and combined exposures.

#### **b. Monitoring of occupational and accidental exposure to chemical agents**

Occupational, accidental and non-occupational exposure to pesticides; occupational exposure to cadmium and toluene; and evaluation of non-occupational exposure risk to pesticide residues.

#### **c. Reports writing, paper reviews and book chapters related to occupational toxicology**

The main interests were: pesticides, in particular organophosphorus esters, neurotoxicology, general toxicological problems, risk assessments and risk assessment methodology.

#### **d. Risk assessment**

Member of many international committees for the risk assessment of exposure to chemical substances, in particular pesticides, and for the improvement, harmonization and innovation of risk assessment methods, with focus on cumulative and mixture risk assessment.

### **Research activity abroad**

1985 (July)-1987(June): Research Associate at the Institute of Neurotoxicology, Albert Einstein College of Medicine, Bronx, New York, USA.

1992 (August-September): Visiting scientist at the Center for Research on Occupational and Environmental Toxicology, Oregon Health Sciences University, Portland, Oregon, USA.

1997 (July): Visiting scientist at the Instituto de Neuroquímica y Toxicología, Universidad de Alicante, Spain.

### **Clinical activity**

1989 - 2006: Occupational Health Clinic, University Hospital, Padova, Italy,.

2002 - 2006: Head, Laboratory of Industrial Toxicology, University Hospital, Padova, Italy,.

2006 - present : Director, International Center for Pesticides and Health Risk Prevention, University Hospital “Luigi Sacco”, Milano, Italy

### ***Participation at national and international expert committees (since 2000)***

1993-present: Member and chairman (alternate years) of the Toxicological Core Assessment Group at the Joint FAO/WHO Meeting on Pesticide Residues, Geneva (Switzerland)/Rome (Italy).

1993-present: Member of several WHO WG on risk assessment of chemicals

2000-2011: Member of the EFSA Scientific Panel on Plant health, plant protection products and their residues (previously EEC Scientific Committee on Plants), Parma, Italy

2001-2005: Member of Scientific Steering Committee HESI Agricultural Chemicals Safety Assessment Subcommittee of International Life Sciences Institute, Washington, DC (USA).

2004-2006: Member of the Expert Panel on Evaluation and Interpretation of Neurodevelopmental Endpoints for Human Health Risk Assessment for the International Life Sciences Institute, Risk Science Institute, Washington, DC (USA)

2006-present: Member of the Scientific Committee on Rural Health, pesticides and dusts of the International Commission on Occupational Health (ICOH)

2007-2016: member of Commissione Consultiva per i Prodotti Fitosanitari, Ministero della Salute, Roma (Committee for Pesticides, Ministry of Health, Italy).

2010-2016: Member of the programme of the International Life Sciences Institute (ILSI)/Health and Environmental Sciences Institute, Washington, DC (USA) on “Risk Assessment in the 21st Century”, co-chair of the working group on “Cumulative risk assessment”.

2010: Member of the SANCO experts working group for the three Scientific Committees SCHER, SCENIHR and SCCS

2010-present: member, and president since 2014, of the Science Advisory Board of the Swiss Centre for Applied Human Toxicology (SCAHT).

2011-2017: Trustee of Health and Environmental Sciences Institute (HESI)

2012-2019: Editorial Board of Regulatory Toxicology and Pharmacology

2015-present: Editorial Board of Current Opinions in Toxicology

2017-Present: Editorial Board of Neurotoxicology

2015-2019: member of SCOEL (Scientific Committee of Occupational Exposure Limits of the European Commission)

2018-present Member of the Scientific Advisory Board of the Health and Environmental Sciences Institute programme on “Risk Assessment in the 21st Century” (www.Risk21.org)

2019-present: Associate Editor of Regulatory Toxicology and Pharmacology

2020: Guest Editor of Food and Chemical Toxicology

### ***Teaching (last 5 years)***

present: lecturer in Occupational Medicine and Toxicology at the Schools of Medicine, of Public Health, and of Nursing, University of Milano, Italy

present: lecturer in Occupational Health and Occupational Toxicology at the Post-graduate schools of Occupational Medicine, and of Hygiene, and of Nutrition, University of Milano, Italy

Several seminars and courses in Italy and abroad.

### ***Other activities***

Referee of research projects for:

- Agence Nationale de la Recherche, Francia (National Research Agency)
- Ministry of Science and Environment, Republic of Serbia
- Government of Hong Kong, China
- RIVM, The Netherlands
- Member of Programme Strategy and Stewardship Committee of HESI, Washington DC (USA)
- Italian Ministry for Education, University and Research (MIUR)
- Swiss Science Foundation

### ***European Certified Toxicologist (ERT).***

### ***Fellow della Academy of Toxicological Sciences (ATS)***

### ***Invitations to conventions, meetings, courses (since 2010)***

2010: “La qualità dell’aria indoor: principali inquinanti aereodispersi e contaminazione da pesticidi nelle polveri depositare” (Indoor air quality: airborne pollutants and pesticide contamination), Arezzo, Italia, June 8th.

2010: Master of Advanced Studies, Risk Analysis in Foodborne Hazards in Public Health and Trade, Sion, CH, September 9-11

2010: Convegno congiunto SIMA-SITOX ISS, “New pesticide regulation: innovative aspects and emerging problems”, Roma, October 4-5

2010: Meeting HESI, Health and Environmental Sciences Institute, Bruxelles, October, 20-22  
2010: 74<sup>th</sup> National Congress SIMLII, Roma, December, 2-3  
2010: ILSI meeting, Realizing the Future of Risk Assessment, Washington, USA, December 10-14  
2011: XVII Meeting of Industrial Hygiene, Bolzano, Italy March 23-25  
2011: ECETOC Workshop: Combined Exposure to Chemicals, Moderator on Discussion on Exposure and risk assessment-Human health, Berlin 11-12 July  
2011: Xi'an International Neurotoxicology Conference (INA-13 and 11<sup>th</sup> ICOH symposium on Neurobehavioural Methods and Effects), Xi'an, China, June 5-10  
2012: ICOH 2012, Cancun, Mexico, March 18-23  
2012: 75<sup>th</sup> National Congress SILMII, Bergamo, Italy, October 17-19  
2012: SAFE workshop, Bruxelles, Belgium, November 5-6  
2013: ICOH Neurotoxicity Meeting, Cape Town, South Africa, March 23-27.  
2013: International Congress of Toxicology, Seoul, South Korea, June 30 - July 4  
2013: Eurotox meeting, Interlaken, CH, September 1-4  
2013: EPAA Workshop on Stem cell-derived organ-like models for analysing mid- and long-term dosing dynamics studies, Bruxelles, Belgium, August 28-29.  
2013: 76<sup>th</sup> National congress SIMLII, Taormina, Italy, October 9-11  
2013: meeting of the Hungarian Toxicological Society, Velence, HU, October 16-18  
2013: WHO workshop on Workshop on Uncertainty in Hazard Assessment, Bilthoven, NL, November, 19-20.  
2014: FDA/CFSAN workshop on RISK21, College Park, Maryland, USA, February, 18.  
2014: Training Course on "Challenges in Health Risk assessment", Stockholm, Sweden, March 17-21.  
2014: Training course for TEMPUS project "Central Asian Network for Education, Research and Innovation in Environmental Health", Bishkek, Kyrgyzstan, July.  
2014: 77<sup>th</sup> National Congress SIMLII, Bologna, Italy, October 8-10.  
2014: Eurotox meeting, Edinburgh, UK, September 7-10.  
2014: EFSA Scientific Colloquium N°21, Edinburgh, UK, September 11-12.  
2014: Swiss Toxicology Society, Bern, November 17-18.  
2015: Società Italiana di Tossicologia, Milano, March 17-19  
2015: Training Course Risk 21, Taipei (Taiwan), October 20-21  
2015: Training Course Risk 21, Nanjing and Wuhan (PRC), October 23-25  
2015: Società Italiana di Medicina del Lavoro, Milano, November 25-27  
2016: Laboratory Biosafety Course, Milano (Italy), May 23-27  
2016: Associazione Italiana degli Igienisti Industriali, Lucca, June 16-17  
2016: American Chemical Society, Philadelphia, August 20-25  
2017: Government of India Workshop on Endocrine Disrupting Compounds, Delhi (India), February 21-22  
2017: Meeting on Hazard vs risk assessment and carcinogenicity, Turin (Italy), March 24  
2017: Laboratory Biosafety Course, Milano (Italy), March 27-31.  
2017: British Toxicological Society, Continuing Education Course on Mixture toxicity and risk assessment, Liverpool (UK), April 3.  
2017: EUROMIX project, Stakeholder Workshop, Bruxelles (Belgium), May 19  
2017: International Society for the Study of Xenobiotics, Koeln (Germany), June 26-29  
2018: SITOX, Bologna (Italy), March 10-13  
2018: ICOH, Dublin (Ireland), April 29-May 3  
2018: Fresenius Conference on Pesticide Metabolites, Mainz (Germany), April , 16-17  
2018; Congress of Toxicology in Developing Countries, Belgrade (Serbia), April, 18-21  
2018: Fresenius Conference on Genotoxicity, Mainz (Germany), June 21-22  
2018: Società Italiana di Medicina del Lavoro, Bari (Italy), September 26-28  
2018: EUROMIX project, Harmonisation Workshop, London (UK), October 25

2019: EUROMIX project, Stakeholder Workshop, Bruxelles (Belgium), March 26  
2019: WHO consultation on Euromix project, Geneve (Switzerland), April 15  
2019: IUPAC meeting, Ghent (Belgium), May 22-24  
2019: Società Italiana di Medicina del Lavoro, Trieste (Italy), September 26-28  
2019: Fresenius Conference on mixtures toxicity, Cologne (Germany), October 29-30  
2109: TYAN conference (on behalf of IUTOX), Monastir (Tunisia), November 5-6  
2019: IAEA/FAO Training course on Food Safety, Windhoek (Namibia), November 11-15  
2019: CICAP meeting, Milano (Italy), November 23  
2019: La valutazione del rischio chimico (SITOX Meeting), Urbino (Italy), November 29  
2020: SITOX, Bologna (Italy), February 11-12  
2020: Risk Assessment Summit, Washington, DC, USA, February 18-19  
2020: SOT, Anaheim, California (USA), March 15-19  
2020: Fresenius Conference on Metabolites, Wiesbaden (Germany), March 24-25

Invited regularly to meetings and conferences with the general population and non-specialists.

### ***Research grants since 2010***

2006-present: Several grants from the Ministry of Health to carry out the assessment of pesticides and plant protection products  
Coordinator

2009-2011 TRISK project of Executive Agency for Health and Consumers: *European Advanced Risk Assessors Accredited Training Programme for highly qualified toxicology experts*  
WP leader

2010-2011 Regione Lombardia: Pilot study on the risk assessment of polluted areas (progetto pilota nella valutazione del rischio di aree inquinate).  
Coordinator

2010-2013 ACROPOLIS project, VII FP: *Aggregate and Cumulative Risk Of Pesticides: an On-Line Integrated Strategy*  
Local coordinator and WP leader

2012: European Food Safety Authority: Assessment of epatotoxic effects for the inclusion in “Cumulative Assessment Groups”:  
Coordinator.

2012: European Chemicals Agency: monitoring of the educational offer in Europe based on evaluation of chemical risk for the purpose of REACH and CLP regulation:  
Participant.

2012-2015 TEMPUS project: Central Asian Network for Education, Research and Innovation in Environmental Health (CANERIEH)  
Member of the research group

2013: Unrestricted grant from Pirelli Tyre spa to assess the genotoxic risk in the rubber industry.  
Coordinator

2014-2015: CEFIC (European Chemical Industry Council): Quality assessment of the epidemiological evidence of adverse effects to humans of endocrine active substances in the environment.

Partner

2015-2019: EUROMIX project (Horizon 2020): European Test and Risk Assessment Strategies for Mixtures.

Local coordinator and WP leader

2016: Unrestricted grant from Pirelli Tyre spa to assess the genotoxic risk in the rubber industry.

Coordinator

2016: Unrestricted grant from UNIC to study the characteristics of human sweat in relation to chromium VI exposure.

Coordinator

2016-2017: Unrestricted grant from ISAGRO to develop a database to assess the possible endocrine activity of a compound.

Coordinator

2018-2019: Unrestricted grant from A2A to review the literature on health effects of incinerators,.

Partner

2019-present: Grants from the Ministry of Health of Malta to carry out the assessment of pesticides and plant protection products

Coordinator

2019-present: PRIN: RHAPS, Redox-activity and Health-effects of Atmospheric Primary and Secondary aerosol

Partner

2019-present: PRIMATE: An integrated precision medicine approach to malignant mesothelioma: from mutation load to epidemiology and therapy, From Fondazione Regionale per la Ricerca Biomedica (Lombardia).

Partner

2020-2021: Grant for CEFIC LRI on Incidence trends of selected endocrine-related diseases and conditions in Europe and North America, and the contribution of changes in human reproduction.

Partner

## Publications

### a. Publication in "peer review journals"

1. Lotti M, **Moretto A**, Zoppellari R, Dainese R, Rizzuto N, Barusco G. Inhibition of lymphocytic Neuropathy Target Esterase predicts the development of organophosphate induced delayed polyneuropathy. ARCHIVES OF TOXICOLOGY 1986, 59:176-179.
2. Lotti M, Caroldi S, **Moretto A**, Johnson MK, Fish C, Gopinath G, Roberts NL. Central-peripheral delayed neuropathy caused by diisopropyl phosphorofluoridate (DFP): segregation of peripheral nerve and spinal cord effects using biochemical, clinical and morphological criteria. TOXICOLOGY AND APPLIED PHARMACOLOGY 1987, 88:87-96.
3. **Moretto A**, Lotti M, Sabri MI, Spencer PS. Progressive deficit of retrograde axonal transport is associated with the pathogenesis of di-n-butyl dichlorvos axonopathy. JOURNAL OF NEUROCHEMISTRY 1987, 49:1515-1522.
4. **Moretto A**, Sabri MI. Progressive deficits in retrograde axon transport precede degeneration of motor axons in acrylamide neuropathy. BRAIN RESEARCH, 1987, 440:18-24.
5. **Moretto A**, Lotti M. Organ distribution of neuropathy target esterase in man. BIOCHEMICAL PHARMACOLOGY 1988, 37:3041-3043. (IF 2.719)
6. Lotti M, Caroldi S, **Moretto A**. Blood copper in organophosphate-induced delayed polyneuropathy. TOXICOLOGY LETTERS, 1988 41:175-180.
7. Soiefer AI, **Moretto A**, Spencer PS, Sabri MI. Axotomy-induced ornithine decarboxylase activity in the mouse dorsal root ganglion is inhibited by the vinca alkaloids. NEUROCHEMICAL RESEARCH 1988, 13:1169-1173.
8. Traverso R, **Moretto A**, Lotti M. Human serum "A"-esterases: hydrolysis of 0,0-dimethyl-2,2-dichlorovinyl phosphate. BIOCHEMICAL PHARMACOLOGY 1989, 38:671-676.
9. **Moretto A**, Lotti M, Spencer PS. In vivo and in vitro regional differential sensitivity of neuropathy target esterase to di-n-butyl-2,2-dichlorovinyl phosphate. ARCHIVES OF TOXICOLOGY 1989, 63:469-473.
10. Lotti M, **Moretto A**, Caroldi S. Biochemical approach to occupational neurotoxicology. ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU (ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY) 1989, 40:231-239.

11. **Moretto A**, Lotti M. Exposure to toluene increases the urinary excretion of D-Glucaric acid. *BRITISH JOURNAL OF INDUSTRIAL MEDICINE* 1990, 47:58-61.
12. Pellin MC, **Moretto A**, Lotti M, Vilanova E. Distribution and some biochemical properties of rat paroxonase activity. *NEUROTOXICOLOGY & TERATOLOGY* 1990, 12:611-614.
13. Capodicasa E, Scapellato ML, **Moretto A**, Caroldi S, Lotti M. Chlorpyrifos-induced delayed polyneuropathy. *ARCHIVES OF TOXICOLOGY*, 1991, 65: 150-155.
14. Lotti M, Caroldi S, Capodicasa E, **Moretto A**. Promotion of organophosphate induced delayed polyneuropathy by phenylmethanesulphonyl fluoride. *TOXICOLOGY AND APPLIED PHARMACOLOGY* 1991, 108: 234-241.
15. **Moretto A**, Capodicasa E, Peraica M, Lotti M. Age sensitivity to organophosphate induced delayed polyneuropathy. Biochemical and toxicological studies in developing chicks. *BIOCHEMICAL PHARMACOLOGY* 1991, 41: 1497-1504.
16. Bertolazzi M, Caroldi S, **Moretto A**, Lotti M. Interaction of methamidophos with hen and human acetylcholinesterase and neuropathy target esterase. *ARCHIVES OF TOXICOLOGY* 1991, 41:1497-1504.
17. **Moretto A**. Indoor spraying of the pyrethroid insecticide lambdacyhalothrin: effects on spraymen and inhabitants. *BULLETIN OF THE WHO* 1991, 69:591-594.
18. **Moretto A**, Bertolazzi M, Capodicasa E, Peraica M, Richardson RJ, Lotti M. Phenylmethylsulfonyl fluoride elicits and intensifies the clinical expression of neuropathic insults. *ARCHIVES OF TOXICOLOGY* 1992, 66:67-72.
19. **Moretto A**, Lotti M, Triban C, Fiori M. Neuropathy Target Esterase is not reduced in neural tissues of diabetic rats. *DIABETE & METABOLISME*, 1992, 18: 218-220.
20. **Moretto A**, Capodicasa E, Lotti M. Clinical expression of organophosphate-induced delayed polyneuropathy in rats. *TOXICOLOGY LETTERS*, 1992, 63: 97-102.
21. Peraica M, Capodicasa E, **Moretto A**, Lotti M. Organophosphate polyneuropathy in chicks. *BIOCHEMICAL PHARMACOLOGY*, 1992, 45: 131-135.
22. Lotti M, **Moretto A**, Capodicasa E, Bertolazzi M, Peraica M, Scapellato ML. Interactions between neuropathy target esterase and its inhibitors and the development of polyneuropathy. *TOXICOLOGY AND APPLIED PHARMACOLOGY*, 1993, 122: 165-171.
23. **Moretto A**, Bertolazzi M, Lotti M. The phosphorothioic acid -O- (2-chloro -2,3,3 -trifluorocyclobutyl) -O-ethyl S-propyl ester promotes organophosphate polyneuropathy



without inhibition of neuropathy target esterase. TOXICOLOGY AND APPLIED PHARMACOLOGY, 1994, 129: 133-137.

24. **Moretto A**, Lotti M. Promotion of peripheral axonopathies by certain esterase inhibitors. TOXICOLOGY AND INDUSTRIAL HEALTH, 1994, 9: 1037-1047.
25. Lotti M, **Moretto A**, Bertolazzi M, Peraica M, Fioroni F. Organophosphate polyneuropathy and neuropathy target esterase: studies with methamidophos and its resolved optical isomers. ARCHIVES OF TOXICOLOGY, 1995, 69: 330-336.
26. Peraica M, **Moretto A**, Lotti M. Selective promotion by phenylmethanesulfonyl fluoride of peripheral and spinal cord neuropathies initiated by diisopropyl phosphorofluoridate in the hen. TOXICOLOGY LETTERS, 1995, 80: 115-121.
27. Fioroni F, **Moretto A**, Lotti M. Triphenylphosphite neuropathy in hens. ARCHIVES OF TOXICOLOGY, 1995, 69: 705-711.
28. **Moretto A**. A novel probe for characterisation of neuropathy target esterase. HUMAN AND EXPERIMENTAL TOXICOLOGY, 1995, 11: 930-931.
29. Lotti M, **Moretto A**. Cholinergic symptoms and Gulf War Syndrome. NATURE MEDICINE, 1995, 1:1225-1226.
30. Osman KA, **Moretto A**, Lotti M. Sulfonyl fluorides and the promotion of diisopropylfluorophosphate neuropathy. FUNDAMENTAL AND APPLIED TOXICOLOGY, 1996, 33:294-297.
31. Milatovic D, **Moretto A**, Osman KA, Lotti M. Phenyl valerate esterases other than neuropathy target esterase and the promotion of organophosphate polyneuropathy. CHEMICAL RESEARCH IN TOXICOLOGY, 1997, 10:1045-1048.
32. Jokanovic M, **Moretto A**, Lotti M. Repeated low doses of phosphorothioic acid O-(2-chloro-2,3,3-trifluorocyclobutyl) O-ethyl S-propyl ester (KBR-2822) do not cause neuropathy in hens. ARCHIVES OF TOXICOLOGY, 1998, 72:93-96.
33. **Moretto A**, Lotti M. Poisoning by organophosphorus insecticides and sensory neuropathy. JOURNAL OF NEUROLOGY, NEUROSURGERY AND PSYCHIATRY, 1998, 64:463-468.
34. **Moretto A**, Jokanovic M, Lotti M. The relevance of inhibitor-substrate interactions when measuring neuropathy target esterase inhibition. ARCHIVES OF TOXICOLOGY, 2000, 73:665-670.
35. **Moretto A**, Acute reference doses: theory and practical approaches. FOOD ADDITIVES AND CONTAMINANTS. 2000, 17:617-619.

36. **Moretto A**, Gardiman G, Panfilo S, Colle MA, Lock EA, Lotti M. Effects of S-ethyl hexahydro-1H-azepine-1-carbothioate (molinate) on di-n-butyl dichlorovinyl phosphate (DBDCVP) neuropathy. *TOXICOLOGICAL SCIENCES* (in precedenza *FUNDAMENTAL AND APPLIED TOXICOLOGY*), 2001, 62:274-279.
37. Van Gemert, Dourson M, **Moretto A**, Watson M. Use of human data for the derivation of a reference dose for chlorpyrifos. *REGULATORY TOXICOLOGY AND PHARMACOLOGY* 33, 2001, 110-116.
38. **Moretto A**, Lotti M. The relationship between isofenphos cholinergic toxicity and the development of polyneuropathy in hens and humans. *ARCHIVES OF TOXICOLOGY*, 2002, 76:367-375.
39. **Moretto A**, Nicolli A, Lotti M. Peripheral nerve esterases and the promotion of organophosphate-induced neuropathy in hens. *CHEMICO-BIOLOGICAL INTERACTIONS*, 2005, 157-158:285-291.
40. Lotti M, **Moretto A**. Organophosphate induced delayed polyneuropathy. *TOXICOLOGICAL REVIEWS*, 2005, 24, 37-49.
41. Doe J, Boobis AR, Blacker A, Dellarco V, Doerrner NG, Franklin C, Goodman JL, Kronenberg JM, Lewis R, McConnell E, Mercier T, **Moretto A**, Nolan C, Padilla S, Phang W, Solecki R, Tilbury L, van Ravenzwaay B, Wolf DC. A Tiered Approach to Systemic Toxicity Testing for Agricultural Chemical Safety Assessment. *CRITICAL REVIEWS IN TOXICOLOGY*, 2006, 36: 37-68.
42. Lotti M, **Moretto A**. Do carbamates cause delayed polyneuropathy? *MUSCLE & NERVE*, 2006, 34, 499-502.
43. **Moretto A**, Nicolli A, Lotti M. The search of the target of promotion: phenylbenzoate esterase activities in hen peripheral nerve. *TOXICOLOGY AND APPLIED PHARMACOLOGY*, 2007, 219(2-3):196-201.
44. Vida P, **Moretto A**. Pesticide exposure pathways among children of agricultural workers. *JOURNAL OF PUBLIC HEALTH*. 2007;15:289-99.
45. Mammone T, Metruccio F, Vida P, **Moretto A**. The Italian system of data reporting in agriculture occupational health: a critical appraisal. *JOURNAL OF PUBLIC HEALTH*, 2007;15:301-13.
46. Tyl RW, Crofton K, **Moretto A**, Moser V, Sheets LP, Sobotka TJ. Identification and interpretation of developmental neurotoxicity effects A report from the ILSI research foundation/risk science institute expert panel on neurodevelopmental endpoints. *NEUROTOXICOLOGY AND TERATOLOGY*, 2008; 30:349-381.

47. Boobis AR, Ossendorp BC, Banasiak U, Hamey PY, Sebestyen I, **Moretto A**. Cumulative risk assessment of pesticide residues in food. *TOXICOLOGY LETTERS*, 2008; 180:137-150.
48. **Moretto A**. Exposure to multiple chemicals: when and how to assess the risk from pesticide residues in food. *TRENDS IN FOOD SCIENCE & TECHNOLOGY*, 2008; 19, No. S1:56-63.
49. Colosio C, Tiramani M, Brambilla G, Colombi A, **Moretto A**. Neurobehavioural effects of pesticides with special focus on organophosphorus compounds: which is the real size of the problem? *NEUROTOXICOLOGY*, 2009 ;30(6):1155-61.
50. Maggioni S, Benfenati E, Colosio C, **Moretto A**, Roots O, Tasiopoulou S, Visentin S. Food contamination control in European new Member States and associated candidate countries: data collected within the SAFEFoodNET project. *JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH Part B*, 2009;44(4):407-14.
51. London L, Coggon D, **Moretto A**, Westerholm P, Wilks MF, Colosio C. The ethics of human volunteer studies involving experimental exposure to pesticides: unanswered dilemmas. *ENVIRONMENTAL HEALTH*. 2010; 18;9:50.
52. **Moretto A**, Colosio C. Biochemical and toxicological evidence of neurological effects of pesticides: The example of Parkinson's disease. *NEUROTOXICOLOGY*, 2011; 32: 383-391.
53. London L, Beseler C, Bouchard MF, Bellinger DC, Colosio C, Grandjean P, Harari R, Kootbodien T, Kromhout H, Little F, Meijster T, **Moretto A**, Rohlman DS, Stallones L. Neurobehavioral and neurodevelopmental effects of pesticide exposures. *NEUROTOXICOLOGY*, 2012; 33(4):887-96.
54. Colosio C1, Rubino FM, Alegakis A, Ariano E, Brambilla G, Mandic-Rajcevic S, Metruccio F, Minoia C, **Moretto A**, Somaruga C, Tsatsakis A, Turci R, Vellere F. Integration of biological monitoring, environmental monitoring and computational modelling into the interpretation of pesticide exposure data: introduction to a proposed approach. *TOXICOLOGY LETTERS*, 2012; 213(1): 49-56.
55. **Moretto A**, Colosio C. The role of pesticide exposure in the genesis of Parkinson's disease: Epidemiological studies and experimental data. *TOXICOLOGY*, 2013; 307:24-34.
56. Mrema EJ1, Rubino FM, Brambilla G, **Moretto A**, Tsatsakis AM, Colosio C. Persistent organochlorinated pesticides and mechanisms of their toxicity. *TOXICOLOGY*, 2013; 307:74-88.

57. Corsini E, Sokooti M, Galli CL, **Moretto A**, Colosio C. Pesticide induced immunotoxicity in humans: a comprehensive review of the existing evidence. *TOXICOLOGY*, 2013; 307:123-35.
58. Menegola E, Di Renzo F, Metruccio F, **Moretto A**, Giavini E. Effects of mixtures of azole fungicides in postimplantation rat whole-embryo cultures. *ARCHIVES OF TOXICOLOGY*. 2013; 87(11):1989-97.
59. Fustinoni S, Mercadante R, Polledri E, Rubino FM, Mandic-Rajcevic S, Vianello G, Colosio C, **Moretto A**. Biological monitoring of exposure to tebuconazole in winegrowers. *JOURNAL OF EXPOSURE SCIENCE & ENVIRONMENTAL EPIDEMIOLOGY*. 2014; 24(6):643-9.
60. **Moretto A**, Di Renzo F, Giavini E, Metruccio F, Menegola E. The use of in vitro testing to refine cumulative assessment groups of pesticides: The example of teratogenic conazoles. *FOOD AND CHEMICAL TOXICOLOGY*. 2015; 79:65-9.
61. Embry MR, Bachman AN, Bell DR, Boobis AR, Cohen SM, Dellarco M, Dewhurst IC, Doerr NG, Hines RN, **Moretto A**, Pastoor TP, Phillips RD, Rowlands JC, Tanir JY, Wolf DC, Doe JE. Risk assessment in the 21st century: Roadmap and matrix. *CRITICAL REVIEWS IN TOXICOLOGY*, 2014; 44 Suppl 3:6-16.
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